

REMARKS

By this amendment, no claims have been added or cancelled. Claims 1 and 21 have been amended. Hence, Claims 1, 3-13, 15, 20-21, 23-33, 35 and 40-42 are pending in the application.

INTERVIEW SUMMARY

The Applicants thank the Examiner for the Interview conducted on May 17, 2005. The interview was between Examiner Quang N. Nguyen and the Applicant's Attorney, Christopher J. Brokaw. Claim 1 that was rejected in the Office Action was discussed along with U.S. Patent Application 2002/0065774 by Young et al. ("*Young*"). In particular, the discussion focused on how an embodiment of the invention works and how Claim 1 is not disclosed, taught, or suggested by *Young*. In particular, discussion focused on why *Young* does not suggest storing data records according to the steps recited in Claim 1. No agreement was reached.

SUMMARY OF THE REJECTIONS/OBJECTIONS

Claims 1, 3-4, 9-13, 15, 20-21, 23-24, 29-33, 35 and 40-42 stand rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by *Young*.

Claims 5-8 and 25-28 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over *Young* in view of Computer Organization and Design: The Hardware/Software Interface by Patterson et al. ("*Patterson*").

The rejections are respectfully traversed.

CLAIM 1 IS PATENTABLE OVER THE CITED ART

Claim 1 is patentable over the cited art because at least one element of Claim 1 is not disclosed, taught, or suggested by the cited art. It is respectfully submitted that the Office Action's interpretation of Claim 1 is so broad that numerous express limitations of Claim 1 must be ignored in order to support the rejection based on *Young*.

Claim 1 features the elements of:

A method for reducing user input required to access a plurality of services provided to a device, comprising:
storing, external to said device and separate from a first service of the plurality of services, data records containing a plurality of data items associated with a particular type of information,
wherein the step of storing said data records comprises:
receiving content, provided by one or more services, in response to being requested by the device;
parsing the content in an attempt to identify one or more data items associated with said particular type of information; and
when the one or more data items are identified, generating one or more data records that contain said one or more data items;
receiving a first message from said device requesting said first service, wherein said first service requires said particular type of information for input;
reading said data records and transmitting data to said device to cause said device to present a user interface allowing a particular data item of said plurality of data items to be selected;
receiving a second message indicating a selection from said device of said particular data item; and
sending said particular data item to said first service of said plurality of services. (emphasis added)

The above combination of elements are not disclosed, taught, or suggested by *Young*.

Claim 1 features an approach for reducing the amount of user input required to access a plurality of services provided to a device. According to Claim 1, data records that contain a plurality of data items associated with a particular type of information are stored external to the device and separate from a first service. The step of storing the data records comprises (a) receiving content, provided by one or more services, in response to being requested by the device, (b) parsing the content in an attempt to identify one or

more data items associated with the particular type of information, and (c) when one or more data items are identified, generating one or more data records that contain the one or more data items.

A first message, from the device, requesting the first service is received. The first service requires the particular type of information for input. The data records are read and data is transmitted to the device to cause the device to present a user interface that allows a particular data item, of the plurality of data items, to be selected. A second message that indicates a selection from the device of the particular data item is received. The particular data item is then sent to the first service.

Advantageously, the approach of Claim 1 allows a user to use a plurality of services, which each require a particular type of information for input, at a device without requiring the user to manually enter the particular type of information.

Such an approach is not taught by *Young*. Instead, *Young* teaches an approach for performing an electronic transaction using a transaction proxy. *Young* teaches that a portal 15 comprises web pages. One or more merchant web sites, including a web site associated with merchant server 20, are accessible by the mobile phone 10 via the portal 15. An electronic wallet application 17, in communication with the portal 15, stores payment information for the user of the mobile phone 10. The payment information, stored in the electronic wallet application 17, was provided by the user, and may be supplied to a merchant server, such as merchant server 20, when the user purchases a product from the merchant. *Young* teaches that a merchant may maintain a product database that contains information about the products available from the merchant. (See Abstract, paragraphs 35-58).

The position taken by the Office Action relies upon showing the element of “storing, external to said device and separate from a first service of the plurality of services, data records containing a plurality of data items associated with a particular type of information” in the following:

“a product database containing information about products, e.g., goods and services, associated with the product codes may reside on the transaction portal server 24 (*Young*, Fig. 2 and paragraph [0053]).”

Thus, according to the Office Action’s position, the storing of data records, external to the device and separate from the first service, as featured in Claim 1, are shown by the product database containing information about products residing at transaction portal server 24.

However, *Young* is silent with respect to how the product database is used or populated at the transaction portal server 24. In fact, to the extent that *Young* teaches providing a product database at a transaction portal server 24, *Young* states, *in toto*:

“In other embodiments, such a database may reside on the transaction portal server 24.” (paragraph 53, lines 11-13)

Significantly, the above-quoted sentence is the only suggestion in *Young* that such a product database may be provided by the transaction portal server 24. The entire disclosure of *Young*, except for the single above-quoted sentence, describes an approach where the product database resides at the merchant server 20. No description is provided in *Young* of how a product database, residing at the transaction portal server 24, stores data records.

Consequently, the logic of the Office Action, in attempting to cite other portions of *Young* to support the assertion that the elements of Claim 1 are taught by *Young*, simultaneously requires that (a) the product database of *Young* resides at the portal server 24, and (b) the product database of *Young* resides at merchant server 20. This argument

is not supported by *Young*, which teaches the product database residing at the portal server 24 is in lieu of, not in addition to, the product database residing at the merchant server 20.

To illustrate, Claim 1 features the following elements that describe how the data records are generated and stored external to the device and separate from the first service:

wherein the step of storing said data records comprises:
receiving content, provided by one or more services, in response to
being requested by the device;
parsing the content in an attempt to identify one or more data items
associated with said particular type of information; and
when the one or more data items are identified, generating one or
more data records that contain said one or more data items;

The above features of Claim 1 advantageously allow the data records to be stored based on content, provided by the one or more services, in response to being requested by the device. The received content is parsed in an attempt to identify one or more data items associated with the particular type of information. When the one or more data items are identified, one or more data records that contain the one or more data items are then generated and subsequently stored.

In sharp contrast to the features of Claims 1, as explained above, *Young* is silent with respect to how the product database is populated on the transaction portal server 24. Consequently, the Office Action does not cite a portion of *Young* that shows the performance of the above-quoted elements at the transaction portal server 24, but instead merely points to portions of *Young* that describe activities involving the product database when the product database is stored with the merchant service at merchant server 20. Thus, such activities fail to suggest the limitation of Claim 1 of “storing, external to said device and separate from a first service of the plurality of services” because the portions of *Young* cited to show the limitations of Claim 1 involving the storing of data records are

performed at a service (the merchant's service at merchant server 20), instead of being performed separate from the service.

Instead of showing the element of "receiving content, provided by one or more services, in response to being requested by the device," the Office Action cites *Young* to show:

the portal 15 accesses a product database provided at a web server of the merchant 20 to retrieve information about the product associated with the product code 1129 requested by mobile phone 10 (*Young*, Fig. 2 and paragraph [0053], lines 1-8)

It is respectfully submitted that this argument cannot be supported for a variety of reasons. First, this argument requires that the product database of *Young* to simultaneously reside at both the portal transaction server 24 (as per the rejection of the "storing" element) and at the merchant server 20 in the rejection of the present element. Second, while this cited portion of *Young* discusses retrieving product information from a product database residing at the merchant server 20 in response to a request from the mobile phone, this portion lacks any suggestion of storing the information anywhere other than the merchant server 20.

As a result, the limitation of "storing, external to said device and separate from a first service of the plurality of services" featured in Claim 1 is not satisfied by the disclosure of *Young*.

In showing the subject matter featured in the amendment element of "parsing the content in an attempt to identify one or more data items associated with said particular type of information," the Office Action cited *Young* to show this subject matter by:

the product data may comprise one or more data items available to the consumer such as associated merchants, short descriptions, various brand names, the colors available, the sizes available and the pricing for each option, etc. (*Young*, paragraph [0055], lines 1-6).

Significantly, as featured in Claim 1, this element is a step that is performed when storing the data records. On the other hand, this portion of *Young* lacks any suggestion of storing data records, external to the device and separate from a first service, by parsing the content, provided by a service in response to being requested by a device, in an attempt to identify one or more data items associated with a particular type of information. Importantly, at best, this portion of *Young* merely teaches that a product database may contain a variety of product information. Further, nothing in this cited portion of *Young* discusses parsing any content, provided by a service, in an attempt to identify one or more data items associated with a particular type of information.

Consequently, it is respectfully submitted that the element of “parsing the content in an attempt to identify one or more data items associated with said particular type of information” is not disclosed, taught, or suggested by *Young*.

In showing the subject matter featured in the amended element of “when the one or more data items are identified, generating one or more data records that contain said one or more data items,” the Office Action argues:

when the consumer sends the purchase indication to the portal 15, inherently, the portal 15 generates one or more data records associated with the consumer, i.e., generates transaction records associated with the consumer, comprising the consumer’s indication of which of the options the consumer desires for example, gray coat, size XL. (*Young*, paragraph [0055], lines 8-11).

Significantly, as featured in Claim 1, this element is a step that is performed when storing the data records. On the other hand, this portion of *Young* lacks any suggestion of storing data records, external to the device and separate from a first service, by parsing the content, provided by a service in response to being requested by a device, in an attempt to identify one or more data items associated with a particular type of

information, and when the one or more data items are identified, generating one or more data records that contain said one or more data items.

Nowhere in the above-cited passage does the suggestion of storing data appear. Further, this passage lacks any suggestion of when one or more data items are identified, generating one or more data records that contain the one or more data items. At best, this passage teaches that the portal 15 receives a purchase indication, and the portal 15 may store the purchase indication. However, a purchase indication is not analogous to when one or more data items are identified by parsing content provided by one or more services in response to being requested by the device, generating one or more data records that contain the one or more data items.

Consequently, it is respectfully submitted that the element of "when the one or more data items are identified, generating one or more data records that contain said one or more data items" is not disclosed, taught, or suggested by *Young*.

For at least the above reasons, it is respectfully submitted that at least one element featured in Claim 1 is not disclosed, taught, or suggested by the cited art. Therefore, Claim 1 is patentable over the cited art and is in condition for allowance.

**CLAIMS 3-13, 15, 20-21, 23-33, 35 AND 40-42 ARE PATENTABLE OVER
THE CITED ART**

Claims 3-13, 15, 20-21, 23-33, 35 and 40-42 each feature limitations that are similar to those discussed above with respect to Claim 1. Therefore, it is respectfully submitted that Claims 3-13, 15, 20-21, 23-33, 35 and 40-42 are also in condition for allowance for at least the reasons given above with respect to Claim 1. In addition, each

of Claims 3-13, 15, 20-21, 23-33, 35 and 40-42 introduces one or more additional limitations that independently render it patentable.

To illustrate, Claim 41 and 42 each feature the element of “the step of storing data records containing a plurality of data items associated with a particular type of information includes storing a particular data record that contains one or more values previously provided to said device by a second service that is different from said first service.” Instead of showing a portion of *Young* that teaches this element, *Young* is cited to show “the transaction portal server 24 storing both the user’s shopping and payment information.” It is respectfully noted that a user’s shopping and payment information are provided by the user, not by a service. Further it is respectfully submitted that this argument ignores the limitation of storing a particular data record that contains one or more values previously provided to the device by a second service that is different from the first service. Instead, the argument for rejecting Claims 41 and 42 does not mention a first service that is different from a second service.

CONCLUSION


For the reasons set forth above, it is respectfully submitted that all of the pending claims are now in condition for allowance. Therefore, the issuance of a formal Notice of Allowance is believed next in order, and that action is most earnestly solicited.

The Examiner is respectfully requested to contact the undersigned by telephone if it is believed that such contact would further the examination of the present application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any fee shortages or credit any overages to Deposit Account No. 50-1302.

Respectfully submitted,

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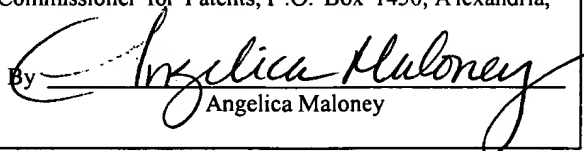
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: **Mail Stop Amendment**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

On May 18, 2005

By



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